

Cultural Capital within Maths.

This is the essential knowledge that the children need to prepare themselves for their future success. This will originate from the experiences and opportunities that are made available to the children, especially the most disadvantaged. - Ofsted 2019 EIF.

To make sure that this is possible, one of the key areas of the Maths Coordinators and SLT is ensure the professional development of the staff's skills and understanding is appropriate. This is completed through staff meetings, monitoring, pupil voice and the relevant feedback given, followed by a catch up later in the term to check these standards are being achieved. (Linked to Performance Management.)

Cultural Capital examples:

1. All classes start with Maths talk activities. E.g. Odd One Out. This is to promote the mathematical language and reasoning skills. These underpin the Maths curriculum.
2. Practical resources and visual stimuli during teaching. These are used to support the teaching and are there as an extra tool to develop understanding.
3. Open-ended problems set in classes. E.g. Problems with multiple answers. These type of activities promote and develop intrigue and resilience of the learner.
4. Maths shed online learning tools that the children can use to rehearse the key facts and then apply them in competition with other children. E.g. This embeds the learning for example with the MTC in Year 3/4, and allows this knowledge to move into the long term memory.
5. Maths LACT and Secondary School linked competitions entered. These take all of the Maths knowledge and skills and allow the children to apply these in a varied context, alongside children from other schools. This also promotes teamwork and collaboration.
6. Maths outside of the classroom. E.g. During data and measures topics, classes can be more active and inventive in the way it is collected. Being that they are part of the collection process of the data, they will be more embroiled in the learning and highly likely to recall learning.
7. Use of skilful and well thought through carousel setup. This is used to apply known skills to solve a range of problems. Through this, pupils who achieve well will have the opportunity to coach others through the challenges faced.

The White Rose Maths curriculum plans that are followed by the school builds on previously learnt knowledge and facts and provides wide-ranging opportunities to apply these through varied fluency and extension challenges.